

Abstract

Optoelectronic module, and method for the production thereof

The invention relates to an optoelectronic module having a carrier element, at least one semiconductor component for emitting or detecting electromagnetic radiation, said semiconductor component being applied on the carrier element and being electrically conductively connected and having a radiation coupling area, and also at least one optical device assigned to the semiconductor component. A connecting layer made of a radiation-transmissive, deformable material is arranged between the radiation coupling area and the optical device, the optical device and the semiconductor component being fixed relative to one another in such a way that they are pressed against one another and that the connecting layer is thereby squeezed in such a way that it generates a force that strives to press the optical device and the radiation coupling area apart.

The invention furthermore relates to a method for producing such an optoelectronic module.

Figure 1